



RawMaterials
Connecting matters



2nd Seminar – Delft, the 6th December 2022

Welcome

Jan-Henk Welink - TU Delft



Co-funded by the
European Union



- European Innovation and Technology: EIT Raw Materials
- “Resource resilient” Europa.
- LDE Center for Sustainability: Industrial Symbiosis Hub

EIT RawMaterials, initiated and funded by the EIT (European Institute of Innovation and Technology), a body of the European Union, is the largest consortium in the raw materials sector worldwide. Its vision is to develop raw materials into a major strength for Europe. Its mission is to enable sustainable competitiveness of the European minerals, metals and materials sector along the value chain by driving innovation, education and entrepreneurship.

<https://eitrawmaterials.eu/>

PROGRAM

09.30 - 10:00 – Keynote introduction on Critical Raw Materials - Y. Yang and S. Abrahami (TU Delft)

10:00 – 12:40 Session on VALOMAG project to share the results of the project

10:00 – 10:20 – Presentation of VALOMAG project and current market of EoL products containing magnets
V. Decottignies (SUEZ)

10:20 – 10:45 - Dismantling steps combining thermal treatment of magnets, fragmentation and classification of materials
T. Marcon (CRM group) and N. Menad (BRGM)

10:45 – 11:00 – Break

11:00 – 11:25 - Transformation to the manufacturing of new magnets – C. Rado (CEA) and B. Saje (Kolektor)

11:25 – 11:50 - Transformation to the production of REE oxides through hydrometallurgical routes – N. Menad (BRGM)

11:50 – 12:15 - Mass Flow Analysis of the whole steps – C. Pucci Couto (TU Delft)

12:15 – 12:40 - Life Cycle Assessment – Z. Li (Leiden University)

12:40 – 13:00 - Questions/Answers

13:00 – 14:00 – Lunch Break

PROGRAM

14:00 – 16:30 Session on “Magnets matters” - Current collaborative projects on permanent magnets and recycling

14:00 – 14:30 – SUSMAGPRO project – B. Saje (Kolektor)

14:30 – 14:50 – UPGRADE project – C. Rado (CEA)

14:50 – 15:10 - DysCovery - Sustainable REE, Co supply from magnet recycling: closing the loop – JH Welink (TU Delft) for B. Orberger (Catura Geoprojects)

15:10 – 15:30 – Break

15:30 – 16:15 – Questions/Answers on magnets recycling and current EU initiatives

16:15 – 16:30 – Conclusion of the seminar

QUESTIONS? WANT TO BE INFORMED OF MORE EVENTS?

Mail me

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